

## Expospot 90 cardan square

EXPOSPOT 90 DUO HO RA90 4000K MB BLACK

2070118



### Product features

- Integrated LED gimbal accent downlight, duo head, ideal for retail and display applications, die-cast aluminium body, black colour housing, passive cooling, beam angle: 44°, optics: aluminium reflector and lens combination, colour temperature: 3000K, total system power: 107W, total fixture output: 2 x 3458lm, 95lm/W, LOR: 100%, colour rendering: Ra 90 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, non-dimmable, electrical protection: CLASS II, ingress protection rating: IP20, suitable for internal environment only, ceiling cut-out: 148x422mm, outer dimensions: 163x104mm, weight: 2.1kg.



### PRODUCT OVERVIEW

Product name	EXPOSPOT 90 DUO HO RA90 4000K MB BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Hospitality, Museums & Galleries, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	2 x 3458
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	3000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	44
Photobiological Risk Group	RG1
Total power consumption (W)	107
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Dimming method	N/A
Housing colour	Black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768701186

### DATA TABLE

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### General data

Product name	EXPOSPOT 90 DUO HO RA90 4000K MB BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Hospitality, Museums & Galleries, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	2 x 3458
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	3000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	44
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	107
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Dimming method	N/A
Drive current (mA)	300
Inrush Current (A)	17
Inrush Duration (µs)	199
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	31
Max. products per 13A C Breaker	41
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	65
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	25
Max. products per 16A B Breaker	31

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Max. products per 20A B Breaker 39

### Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	54500

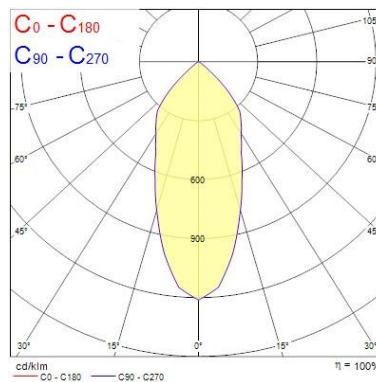
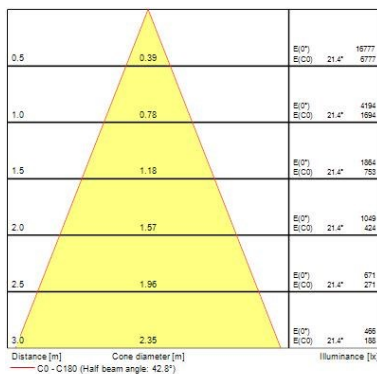
### Physical data

Housing colour	Black
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	437
Nominal Product Width (mm)	163
Nominal Product Height (mm)	104
Cutout Dimensions (W x L in mm or Diameter in mm)	148x422
Weight (kg)	2.1
Recessed Depth (mm)	104

### Packaging

Single packaging type	Carton
Product EAN number	5025768701186
Packaging single length / height (cm)	50.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768701186
Units per outer package	1
Packaging outer length / height (cm)	50.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	20.0

## PHOTOMETRY



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### TECHNICAL DRAWINGS

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